

L Number	Hits	Search Text	DB	Time stamp
	937	evans-c\$.in.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/10/07 09:10
	210	robbins-p\$.in.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/10/07 09:11
	8	ghivizzani-s\$.in.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/10/07 09:11
	37	(evans-c\$.in. or robbins-p\$.in. or ghivizzani-s\$.in.) and pittsburgh.as.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/10/07 09:11
	4	(evans-c\$.in. or robbins-p\$.in. or ghivizzani-s\$.in.) and pittsburgh.as. and subchondral	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/10/07 09:11
	4	(evans-c\$.in. or robbins-p\$.in. or ghivizzani-s\$.in.) and subchondral	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/10/07 09:11
1893493		inject\$ or drill\$ or perforat\$ or microfracture or abrasion or abrade	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/10/07 09:52
4604481		introduc\$ or contact\$	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/10/07 09:11
37394		galactosidase or lacz	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/10/07 09:12
11781		transforming adj growth adj factor adj beta\$2 or tgfbeta\$2 or tgf-beta\$2	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/10/07 09:12
11044		insulin adj like adj growth adj factor\$2 or igf-1 or igf1	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/10/07 09:12
1005		subchondral	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/10/07 09:12
2816		subchondral or epiphysis or cortex near15 bone	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/10/07 09:12
9424		subchondral or chondroprogenitor or mesenchymal adj stem adj cell or chondrocyte	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/10/07 09:12
566499		polynucleotide or DNA or vector or adenovir\$ or plasmid or nucleic or cdna or gene	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/10/07 09:12
5910		(514/44).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/10/07 09:12

	47477	((514/44).CCLS.) or gene adj therapy or "in vivo" near5 "gene delivery" or "in vivo" near5 "gene transfer"	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/10/07 09:13
	27	((inject\$ or drill\$ or perforat\$ or microfracture or abrasion or abrade) or (introduc\$ or contact\$)) same (polynucleotide or DNA or vector or adenovir\$ or plasmid or nucleic or cdna or gene) same ((subchondral or epiphysis or cortex near15 bone) or cancellous near3 bone)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/10/07 09:20
	13783	mesenchymal adj stem adj cell or msc	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/10/07 09:22
	157	((inject\$ or drill\$ or perforat\$ or microfracture or abrasion or abrade) or (introduc\$ or contact\$)) same (polynucleotide or DNA or vector or adenovir\$ or plasmid or nucleic or cdna or gene) same (mesenchymal adj stem adj cell or msc)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/10/07 09:24
	352	((inject\$ or drill\$ or perforat\$ or microfracture or abrasion or abrade) or (introduc\$ or contact\$)) same (polynucleotide or DNA or vector or adenovir\$ or plasmid or nucleic or cdna or gene) same (subchondral or chondroprogenitor or mesenchymal adj stem adj cell or chondrocyte)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/10/07 09:26
	74	((inject\$ or drill\$ or perforat\$ or microfracture or abrasion or abrade) or (introduc\$ or contact\$)) same (polynucleotide or DNA or vector or adenovir\$ or plasmid or nucleic or cdna or gene) same (mesenchymal adj stem adj cell or msc)) and (galactosidase or lacz)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/10/07 09:26
	68	((inject\$ or drill\$ or perforat\$ or microfracture or abrasion or abrade) or (introduc\$ or contact\$)) same (polynucleotide or DNA or vector or adenovir\$ or plasmid or nucleic or cdna or gene) same (mesenchymal adj stem adj cell or msc)) and (transforming adj growth adj factor adj beta\$2 or tgbeta\$2 or tgf-beta\$2)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/10/07 09:26
	53	((inject\$ or drill\$ or perforat\$ or microfracture or abrasion or abrade) or (introduc\$ or contact\$)) same (polynucleotide or DNA or vector or adenovir\$ or plasmid or nucleic or cdna or gene) same (mesenchymal adj stem adj cell or msc)) and (insulin adj like adj growth adj factor\$2 or igf-1 or igf1)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/10/07 09:27
	143	((inject\$ or drill\$ or perforat\$ or microfracture or abrasion or abrade) or (introduc\$ or contact\$)) same (polynucleotide or DNA or vector or adenovir\$ or plasmid or nucleic or cdna or gene) same (subchondral or chondroprogenitor or mesenchymal adj stem adj cell or chondrocyte)) and (galactosidase or lacz)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/10/07 09:27
	156	((inject\$ or drill\$ or perforat\$ or microfracture or abrasion or abrade) or (introduc\$ or contact\$)) same (polynucleotide or DNA or vector or adenovir\$ or plasmid or nucleic or cdna or gene) same (subchondral or chondroprogenitor or mesenchymal adj stem adj cell or chondrocyte)) and (transforming adj growth adj factor adj beta\$2 or tgbeta\$2 or tgf-beta\$2)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/10/07 09:27
	116	((inject\$ or drill\$ or perforat\$ or microfracture or abrasion or abrade) or (introduc\$ or contact\$)) same (polynucleotide or DNA or vector or adenovir\$ or plasmid or nucleic or cdna or gene) same (subchondral or chondroprogenitor or mesenchymal adj stem adj cell or chondrocyte)) and (insulin adj like adj growth adj factor\$2 or igf-1 or igf1)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/10/07 09:28

	49	((((inject\$ or drill\$ or perforat\$ or microfracture or abrasion or abrade) or (introduc\$ or contact\$)) same (polynucleotide or DNA or vector or adenovir\$ or plasmid or nucleic or cdna or gene) same (subchondral or chondroprogenitor or mesenchymal adj stem adj cell or chondrocyte)) and (galactosidase or lacz)) and (((inject\$ or drill\$ or perforat\$ or microfracture or abrasion or abrade) or (introduc\$ or contact\$)) same (polynucleotide or DNA or vector or adenovir\$ or plasmid or nucleic or cdna or gene) same (subchondral or chondroprogenitor or mesenchymal adj stem adj cell or chondrocyte)) and (transforming adj growth adj factor adj beta\$2 or tgbeta\$2 or tgf-beta\$2)) and (((inject\$ or drill\$ or perforat\$ or microfracture or abrasion or abrade) or (introduc\$ or contact\$)) same (polynucleotide or DNA or vector or adenovir\$ or plasmid or nucleic or cdna or gene) same (subchondral or chondroprogenitor or mesenchymal adj stem adj cell or chondrocyte)) and (insulin adj like adj growth adj factor\$2 or igf-1 or igf1))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/10/07 09:29
	19	((((inject\$ or drill\$ or perforat\$ or microfracture or abrasion or abrade) or (introduc\$ or contact\$)) same (polynucleotide or DNA or vector or adenovir\$ or plasmid or nucleic or cdna or gene) same (mesenchymal adj stem adj cell or msc)) and (galactosidase or lacz)) and (((inject\$ or drill\$ or perforat\$ or microfracture or abrasion or abrade) or (introduc\$ or contact\$)) same (polynucleotide or DNA or vector or adenovir\$ or plasmid or nucleic or cdna or gene) same (mesenchymal adj stem adj cell or msc)) and (insulin adj like adj growth adj factor\$2 or igf-1 or igf1))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/10/07 09:31
	15	((((inject\$ or drill\$ or perforat\$ or microfracture or abrasion or abrade) or (introduc\$ or contact\$)) same (polynucleotide or DNA or vector or adenovir\$ or plasmid or nucleic or cdna or gene) same (mesenchymal adj stem adj cell or msc)) and (galactosidase or lacz)) and (((inject\$ or drill\$ or perforat\$ or microfracture or abrasion or abrade) or (introduc\$ or contact\$)) same (polynucleotide or DNA or vector or adenovir\$ or plasmid or nucleic or cdna or gene) same (mesenchymal adj stem adj cell or msc)) and (transforming adj growth adj factor adj beta\$2 or tgbeta\$2 or tgf-beta\$2)) and (((inject\$ or drill\$ or perforat\$ or microfracture or abrasion or abrade) or (introduc\$ or contact\$)) same (polynucleotide or DNA or vector or adenovir\$ or plasmid or nucleic or cdna or gene) same (mesenchymal adj stem adj cell or msc)) and (insulin adj like adj growth adj factor\$2 or igf-1 or igf1))) and (((514/44).CCLS.) or gene adj therapy or "in vivo" near5 "gene delivery" or "in vivo" near5 "gene transfer")	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/10/07 09:32

	43	(((((inject\$ or drill\$ or perforat\$ or microfracture or abrasion or abrade) or (introduc\$ or contact\$)) same (polynucleotide or DNA or vector or adenovir\$ or plasmid or nucleic or cdna or gene) same (subchondral or chondroprogenitor or mesenchymal adj stem adj cell or chondrocyte)) and (galactosidase or lacz)) and (((((inject\$ or drill\$ or perforat\$ or microfracture or abrasion or abrade) or (introduc\$ or contact\$)) same (polynucleotide or DNA or vector or adenovir\$ or plasmid or nucleic or cdna or gene) same (subchondral or chondroprogenitor or mesenchymal adj stem adj cell or chondrocyte)) and (transforming adj growth adj factor adj beta\$2 or tgbeta\$2 or tgf-beta\$2)) and (((((inject\$ or drill\$ or perforat\$ or microfracture or abrasion or abrade) or (introduc\$ or contact\$)) same (polynucleotide or DNA or vector or adenovir\$ or plasmid or nucleic or cdna or gene) same (subchondral or chondroprogenitor or mesenchymal adj stem adj cell or chondrocyte)) and (insulin adj like adj growth adj factor\$2 or igf-1 or igf1))) and ((514/44).CCLS.) or gene adj therapy or "in vivo" near5 "gene delivery" or "in vivo" near5 "gene transfer")	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/10/07 09:44
	17	(drill\$ or perforat\$ or microfracture or abrasion or abrade) same (bone or epiphysis or subchondral) and ((514/44).CCLS.)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/10/07 09:58
	27	subchondral same (polynucleotide or DNA or vector or adenovir\$ or plasmid or nucleic or cdna or gene)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/10/07 10:03
	19	epiphysis same (polynucleotide or DNA or vector or adenovir\$ or plasmid or nucleic or cdna or gene)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/10/07 10:06

L Number	Hits	Search Text	DB	Time stamp
-	58364	collagen	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/10/07 11:37
-	63479	transfect\$	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/10/07 10:20
-	1338	mixed near5 collagen	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/10/07 10:36
-	13033	cationic adj lipid or dospa or lipofectin or lipofectace or cellfectin or multifector or transfectin	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/10/07 10:38
-	162	(mixed near5 collagen) and (cationic adj lipid or dospa or lipofectin or lipofectace or cellfectin or multifector or transfectin)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/10/07 10:38
-	71	(polynucleotide or DNA or nucleic or vector or gene or cdna) same (mixed near5 collagen)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/10/07 10:50
-	2294	collagen adj matrix	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/10/07 10:50
-	565189	polynucleotide or DNA or nucleic or vector or gene or cdna or plasmid	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/10/07 10:50
-	231	(collagen adj matrix) same (polynucleotide or DNA or nucleic or vector or gene or cdna or plasmid)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/10/07 10:51
-	144	((collagen adj matrix) same (polynucleotide or DNA or nucleic or vector or gene or cdna or plasmid)) and pharmaceutic\$	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/10/07 10:51
-	7	((collagen adj matrix) same (polynucleotide or DNA or nucleic or vector or gene or cdna or plasmid)) same pharmaceutic\$	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/10/07 10:51
-	18	liposome same "collagen matrix"	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/10/07 11:38
-	73179	cytokine or chemokine or monokine or lymphokine or interferon or transforming adj growth adj factor adj beta\$2 or TGF-beta\$2 or tgfbeta\$2	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/10/07 11:39
-	13	(liposome same "collagen matrix") and (cytokine or chemokine or monokine or lymphokine or interferon or transforming adj growth adj factor adj beta\$2 or TGF-beta\$2 or tgfbeta\$2)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/10/07 11:39

STN Search Terms

FILE 'MEDLINE, EMBASE, BIOSIS, CAPLUS  
E GHIVIZZANI S/AU

L2 249 S E3 OR E4 OR E5 OR E6 OR E7 OR E8 OR E9  
E EVANS C/AU  
L3 982 S E3  
E EVANS C H/AU  
L4 1098 S E3  
E EVANS CHRIS  
E EVANS CHRIS/AU  
L5 61 S E3  
E EVANS CHRISTOPHER/AU  
L6 42 S E3  
E EVANS CHRISTOPHER H/AU  
L7 198 S E3 OR E4  
L8 2380 S L3 OR L4 OR L5 OR L6 OR L7  
E ROBBINS P/AU  
L9 969 S E3 OR E7 OR E8  
E ROBBINS PAUL/AU  
L10 471 S E3 OR E6 OR E7  
L11 1438 S L9 OR L10  
L12 3470 S L2 OR L8 OR L11  
L13 31323 S SUBCHONDRAL OR EPIPHYSIS OR FEMORAL HEAD  
L14 5 S L12 AND L13  
L15 4 DUP REM L14 (1 DUPLICATE REMOVED)  
L16 174400 S GENE DELIVERY OR GENE THERAPY OR GENE  
TRANSFER OR NUCLEIC(3A)  
L17 42 S L13 AND L16  
L18 26 DUP REM L17 (16 DUPLICATES REMOVED)  
L19 2 S L18 AND PY<2000